

Serial No. 10/602,930

PATENT

CLAIM AMENDMENTS

1 1. (Currently Amended) A medical device comprising: a graft material, a stent
2 affixed to and extending from the graft material, the stent comprising a plurality
3 of struts and bends between adjacent pairs of struts[them], the bends defining
4 apices, and at least two spaced apart fastenings affixing the stent to the graft
5 material, each fastening including at least two turns [one turn] of an elongate
6 flexible fibre through the graft material and around a portion of the stent wherein
7 a first of the at least two spaced apart fastenings is placed at the apex and a
8 second of the at least two spaced apart fastenings is placed adjacent the transition
9 from the bend to the strut.

1 2. (Cancelled)

1 3. (Original) A medical device as in Claim 1 wherein the at least two
2 fastenings each include a knot arrangement to tie off the elongate flexible fibre.

1 4. (Original) A medical device as in Claim 3 wherein the knot arrangement
2 includes at least two thumb knots and preferably four thumb knots.

1 5. (Original) A medical device as in Claim 3 wherein the knot arrangement is
2 situated on the outside of the graft material.

1 6. (Previously Presented) A medical device as in Claim 1 wherein the flexible
2 fibre is selected from the group comprising a mono-filament suture material and
3 a braided suture material.

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1 7. (Original) A medical device as in Claim 1 wherein the graft material is a bio-
2 compatible woven or knitted material selected from the group comprising
3 polyester and expanded polytetrafluoroethylene.

1 8. (Original) A medical device as in Claim 1 wherein the stent is selected from
2 the group comprising a balloon expandable stent or self-expanding stent.

1 9. (Original) A medical device as in Claim 1 wherein the stent is a self-
2 expanding Z-stent.

1 Claims 10 and 11. (Cancelled)

1 12. (Original) A medical device as in Claim 1 wherein the fastenings are spaced
2 apart enough that the turns of fibre do not pass through the same portion of the
3 graft material.

1 13. (Previously Presented) A medical device as in Claim 1 wherein the spacing
2 apart is from 0.5mm to 2mm.

1 Claims 14 - 21. (Cancelled)

1 22. (Previously Presented) A medical device as in Claim 1 wherein the least two
2 spaced apart fastenings affixing the stent to the graft material comprise machine
3 sewn stitches engaging the graft material either side of the respective struts and
4 passing over the strut.

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- 1 23. (Original) A medical device as in Claim 22 wherein there are at least five
- 2 stitches on each strut.

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